Electronic Acknowledgement Receipt				
EFS ID:	4975622			
Application Number:	10554097			
International Application Number:				
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Title of Invention:	CHANNEL ESTIMATION CIRCUIT AND CHANNEL ESTIMATION METHOD			
First Named Inventor/Applicant Name:	Yoshikazu Kakura			
Customer Number:	23373			
Filer:	Kelly G. Hyndman/Robert Price			
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Payment was successfully received in RAM	\$1810
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Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /₊zip	Pages (if appl.)
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1 Issue Fee Payment (PTO-85B)	Q90987.pdf	43270b1203847214c460ad6d5c2371915b 59b240	no	'	
Warnings:					
Information:					
2 Fee Worksheet (PTO-06)	fee-info.pdf	32185	no	2	
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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.